

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
24 January 2002 (24.01.2002)

PCT

(10) International Publication Number
WO 02/07194 A2

(51) International Patent Classification: H01L 21/00

(21) International Application Number: PCT/JP01/06164

(22) International Filing Date: 17 July 2001 (17.07.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

2000-217610	18 July 2000 (18.07.2000)	JP
60/230,811	7 September 2000 (07.09.2000)	US
2000-397269	21 December 2000 (21.12.2000)	JP
60/261,265	16 January 2001 (16.01.2001)	US
2001-189388	22 June 2001 (22.06.2001)	JP

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CLEANING GAS FOR SEMICONDUCTOR PRODUCTION EQUIPMENT

(57) Abstract: The present invention relates to (1) a cleaning gas for cleaning semiconductor production equipment, obtained by mixing SF₆ and one or both of F₂ with and NF₃ with an inert gas at a specific ratio; (2) a cleaning gas for cleaning semiconductor production equipment, obtained by mixing SF₆ and one or both of F₂ and NF₃ with an inert gas and an oxygen-containing gas at a specific ratio; (3) a method for cleaning semiconductor production equipment using the gas; and (4) a method for producing a semiconductor device including a cleaning step using the cleaning gas. By using the cleaning gas for semiconductor production equipment of the present invention which is high in the etching rate, efficient cleaning and production of semiconductor production equipment with excellent cost performance can be achieved.

10088306-031802

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